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Satoshi Ejima

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EXAMINER

HERNANDEZ, NELSON D

ART UNIT

PAPER NUMBER

2612

DATE MAILED: 11/03/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/928,511

Applicant(s)

EJIMA ET AL.

Examiner

Nelson D. Hernandez

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 November 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4,6-8,17-20,22-24,33,34,36 and 43 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4,6-8,17-20,22-24,33,34,36 and 43 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☒ Certified copies of the priority documents have been received in Application No. 08/965,522.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____

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DETAILED ACTION

1. Examiner noticed the amendments made on the title. Amendments made on title are acceptable.
2. Examiner noticed the amendments made on the claims 1-4, 6-8, 17-20, 22-24, 33, 34 and 36. Claims 5, 9-16, 21, 25-32, 35 and 37-42 have been canceled and claim 43 has been added.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-4, 6-8, 17-20, 22-24, 33, 34, 36 and 43 are rejected under 35 U.S.C. 102(e) as being anticipated by Anderson, US Patent 5,903,309.

Regarding claim 1, Anderson discloses an information-processing apparatus (Figs. 2 and 3) comprising: storage means (Fig. 3: 354; col. 3, lines 30-50) for storing data of a plurality of different types of information, each associated with each other; display means (Figs. 4: 402 and 5: 502; col. 4, lines 44-55; col. 6, lines 37-46; col. 6, line 66 – col. 7, line 5) for displaying two or more of the plurality of different types of information from the storage means in a selectively designatable form; designation means (Figs. 4: 406 and 5: 406; col. 5, lines 1-13) for designating at least one of the two

or more of a plurality of different types of information displayed by the display means; and deletion means (See menu area 4: 410 displaying the operation of a deletion means for the soft key in 4: 12; col. 5, lines 13-22 and lines 56-67) for deleting from said storage means the information designated by said designation means.

Regarding claim 2, Anderson discloses input means (See fig. 2: 224 for image input means; see also col. 3, lines 14-20; col. 7, lines 4-12 teaches recording sound data) for simultaneously or non-simultaneously inputting the data of the plurality of different types of information into the storage means (Col. 3, lines 14-20; col. 7, lines 4-12).

Regarding claim 3, Anderson inherently discloses display control means controlling a display of symbols (Symbols shown in fig. 5) corresponding to each of the two or more of the plurality of different types of information displayed (i.e. image, audio, etc.) by the display means (Col. 5, line 22 – col. 6, line 2). The use of display control means for controlling a display symbols is necessitated in Anderson for displaying the symbols corresponding to the plurality of different types of information as shown in fig 5.

Regarding claim 4, Anderson discloses that the two or more of the plurality of different types of information, displayed by the display means for designation by the designation means, include at least one of image information, sound information, and line drawing information (See figs. 5-7; col. 5, lines 27-56; col. 6, lines 29-36).

Regarding claim 6, Anderson discloses that the storage means has an area (Fig. 9 teaches the data being recorded in different fields) for separately storing the data

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corresponding to the two or more of the plurality of different types of information (Col. 6, lines 29-36).

Regarding claim 7, the limitations (image information and line drawing information) recited in this claim are written in a selectively form by using the terms “and/or”, therefore, the examiner will teach one of the limitations only. Anderson discloses that the two or more of the plurality of different types of information, displayed by the display means for designation by the designation means, include image information (Figs. 5 and 7, col. 5, lines 50-56) and/or line drawing information. Anderson inherently discloses that the information processing apparatus comprises display control means for displaying an image based on the image information and/or the line drawing information that is displayed for designation means by reading out from the storage means prior to deletion of the data by the deletion means, and after designation by the designation means (see deletion means in fig. 4: 410) by teaching in fig. 4 selecting the data and the use of the menu area 410 and function keys 412 for controlling the selected image (i.e. delete), therefore the use of display control means is necessitated in Anderson for displaying an image based on the image information that is displayed for designation means by reading out from the storage means (see fig. 3: 354) prior to deletion of the data by the deletion means (see deletion means in fig. 4: 410), and after designation by the designation means (see fig. 4: 406 and fig. 5: 406) (Col. 4, lines 44-67; col. 5, lines 1-13; col. 5, lines 41-56).

Regarding claim 8, Anderson discloses that the two or more of the plurality of different types of information displayed by the display means for designation by the

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designation means, include sound information (Figs. 5 and 7; col. 5, lines 50-56; col. 7, lines 4-12). Anderson inherently teaches sound output means for outputting a sound based on the sound information that is displayed for designation by the designation means by reading out from the storage means prior to deletion of the data by the deletion means (see deletion means in fig. 4: 410), after designation by the designation means by teaching that the sound can be played while displaying a selected image in the viewfinder (Fig. 5: 402) (Col. 7, lines 4-12). The use of sound output means are necessitated in Anderson so as to play the recorded sounds in the storage memory of the information processing apparatus.

Regarding claim 17, Anderson discloses an information-processing apparatus (Figs. 2 and 3) comprising: a memory (Fig. 3: 354; col. 3, lines 30-50) that stores data of a plurality of different types of information, each associated with each other; a display device (Figs. 4: 402 and 5: 402; col. 4, lines 44-55; col. 6, lines 37-46; col. 6, line 66 – col. 7, line 5) for displaying two or more of the plurality of different types of information from the memory in a selectively designatable form; a designation device (Figs. 4: 406 and 5: 406; col. 5, lines 1-13) the designates at least one of the plurality of different types of information displayed by the display device; a deletion device (See menu area 4: 410 displaying the operation of a deletion means for the soft key in 4: 12; col. 5, lines 13-22 and lines 56-67) for deleting for the memory, at least one of the plurality of different types of information designated by the designation device. A controller coupled to the memory and to the designation device for controlling the deletion device, is inherently disclosed by Anderson since is necessitated to control said deletion device.

Regarding claim **18**, Anderson discloses an input device (See fig. 2: 224 for image input means; see also col. 3, lines 14-20; col. 7, lines 4-12 teaches recording sound data) for simultaneously or non-simultaneously inputting the data of the plurality of different types of information into the storage means (Col. 3, lines 14-20; col. 7, lines 4-12).

Regarding claim **19**, Anderson inherently discloses a display controller that display symbols (Symbols shown in fig. 5) corresponding to the plurality of different types of information that is displayed (i.e. image, audio, etc.) (Col. 5, line 22 – col. 6, line 2). The use of display control means for controlling a display symbols is necessitated in Anderson for displaying the symbols corresponding to the plurality of different types of information as shown in fig 5.

Regarding claim **20**, Anderson discloses that the plurality of different types of information that is displayed, include at least one of image information, sound information, and line drawing information (See figs. 5-7; col. 5, lines 27-56; col. 6, lines 29-36).

Regarding claim **22**, Anderson discloses that the memory comprises an area (Fig. 9 teaches the data being recorded in different fields) for separately storing the data corresponding to the two or more of the plurality of different types of information (Col. 6, lines 29-36).

Regarding claim **23**, the limitations (image information and line drawing information) recited in this claim are written in a selectively form by using the terms “and/or”, therefore, the examiner will teach one of the limitations only. Anderson

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discloses that the two or more of the plurality of different types of information, displayed by the display device for designation by the designation device, include image information (Figs. 5 and 7, col. 5, lines 50-56) and/or line drawing information. Anderson inherently discloses that the information processing apparatus comprises display controller that displays an image based on the image information and/or the line drawing information that is displayed by teaching in fig. 4 selecting the data and the use of the menu area 410 and function keys 412 for controlling the selected image (i.e. delete), therefore the use of display controller is necessitated in Anderson for displaying an image based on the image information that is displayed for designation device by reading out from the memory (see fig. 3: 354) prior to deletion of the data by the deletion device (see deletion means in fig. 4: 410), and after designation by the designation device (see fig. 4: 406 and fig. 5: 406) (Col. 4, lines 44-67; col. 5, lines 1-13; col. 5, lines 41-56).

Regarding claim 24, Anderson discloses that the two or more of the plurality of different types of information displayed by the display device for designation by the designation device include sound information (Figs. 5 and 7; col. 5, lines 50-56; col. 7, lines 4-12). Anderson inherently teaches a speaker that outputs a sound based on the sound information that is displayed for designation by the designation device by reading out from the memory prior to deletion of the data by the deletion device (see deletion means in fig. 4: 410), after designation by the designation device by teaching that the recorded sound by the information processing apparatus can be played while displaying a selected image in the viewfinder (Fig. 5: 402) (Col. 7, lines 4-12). The use of sound

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output means are necessitated in Anderson so as to play the recorded sounds in the storage memory of the information processing apparatus.

Regarding claim **33**, Anderson discloses a method of processing data of a plurality of different types of information, each associated with each other, stored in memory, said method comprising the steps of: designating at least one of the plurality of different types of associated information for deletion from the memory (Figs. 4 and 5; col. 4, lines 44-67; col. 5, lines 1-13); deleting from the memory the at least one of the plurality of different types of associated information that was designated (See menu area 4: 410 displaying the operation of a deletion means for the soft key in 4: 12; col. 5, lines 13-22 and lines 56-67); and displaying two or more of the plurality of different types of information in a selectively designatable display state (See fig. 5; col. 4, lines 44-55; col. 5, lines 27-56; col. 6, lines 37-46; col. 6, line 66 – col. 7, line 5).

Regarding claim **34**, Anderson discloses the step of simultaneously or non-simultaneously inputting the plurality of different types of associated information into the memory (See fig. 2: 224 for image input means for recording image data; col. 3, lines 14-20; col. 7, lines 4-12 teaches recording sound data).

Regarding claim **36**, Anderson discloses that the plurality of different types of associated information include at least one of image information, sound information and line drawing information (See figs. 5-7; col. 5, lines 27-56; col. 6, lines 29-36).

Regarding claim **43**, Anderson discloses a camera (Figs. 2 and 3) comprising: image information input means (Fig. 2: 224; col. 3, lines 14-20) that captures an image of an inputs image information; sound information input means (col. 7, lines 4-12) that

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captures an image of an inputs image information that inputs sound information; storage means (Fig. 3: 354, see also figs. 9 and 10; col. 3, lines 30-50) that stores image information data from the image information input means and sound information data input from the sound information input means, wherein the image information and sound information are associated with each other, in a data storage area; display means (Figs. 4: 402 and 5: 402; col. 4, lines 44-55; col. 6, lines 37-46; col. 6, line 66 – col. 7, line 5) that displays a first display indicating that at least the image information data is stored in the storage means and a second display indicating that at least the sound information data is stored in the storage means, each display being in a designatable form; designation means (Figs. 4: 406 and 5: 406; col. 5, lines 1-13) that separately designates at least one display of the first display and the second display displayed in the display means; deletion means (See menu area 4: 410 displaying the operation of a deletion means for the soft key in 4: 12; col. 5, lines 13-22 and lines 56-67) that deletes from the storage means data of information corresponding to the at least one display designated by the designation means. Anderson inherently discloses display control means that deletes from the display means the display designated by the designation means by displaying symbols (Symbols shown in fig. 5) corresponding to each of the two or more of the plurality of different types of information displayed (i.e. image, audio, etc.) by the display means (Col. 5, line 22 – col. 6, line 2). The use of display control means that deletes from the display means the display designated by the designation means is necessitated in Anderson for displaying the symbols corresponding to the

plurality of different types of information as shown in fig 5 so as to delete said information being displayed with the display means.

Contact


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nelson D. Hernandez whose telephone number is (703) 305-8717. The examiner can normally be reached on 8:30 A.M. to 6:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wendy R. Garber can be reached on (703) 305-4929. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Nelson D. Hernandez
Examiner
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NDHH
October 28, 2004


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